

REMARKS

A clean version of the specification is provided herein, along with a marked-up copy of pages 4 and 12 showing the amendments made.

Consideration and allowance of the application are earnestly solicited.

"EXPRESS MAIL" Mailing Label No. EV 321467105 US
Date of Deposit: April 24, 2003
I hereby certify that this paper or fee is being deposited
with the United States Postal Service "Express Mail Post
Office to Addressee" service under 37 C.F.R. 1.10 on the
date indicated above and is addressed to the Assistant
Commissioner for Patents, Washington, DC 20231.

Signature: Debbie Broderick

Name: Debbie Broderick

PMW:db

Respectfully submitted,

Philip M. Weiss

Philip M. Weiss
Reg. No. 34,751
Attorney for Applicant
Weiss & Weiss
500 Old Country Rd., Ste. 305
Garden City, NY 11530
(516) 739-1500

RECEIVED
APR 29 2003
GROUP 1700

MARKED-UP COPY

BEST AVAILABLE COPY



10# Polyethylene monomer

Strength Gain

2

4

MD Tear test-TAPPI T-414-units grams of force

CD Tear test-TAPPI T-414-units grams of force

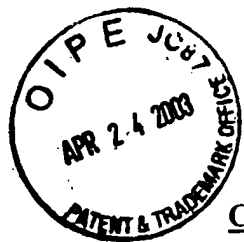
Summary of the Invention

The present invention relates to a new high strength poly one-side ream wrapper.

The product is made by utilizing copolymer and/or terpolymer resins. The copolymer and terpolymer resins are made by combining butene, hexene, and/or octene with ethylene or propylene in the feed stocks being used to make the resin. It is an object of the present invention for the product to be produced by applying the copolymer or terpolymer to the paper surface or by blending the copolymer and/or terpolymer resins with low density polyethylene/or polypropylene monomer resins before applying it to the paper surface. It is an object of the invention to produce the product of the present invention by co-extruding the low density polyethylene resin (monomer utilizing ethylene feed stock) with copolymer or terpolymer resins.

The present invention relates to a high strength poly one-side ream wrapper comprising paper and copolymer and/or terpolymer resins. The copolymer and/or terpolymer resins comprise butene, hexene, and/or octene with ethylene or propylene in feed stocks. The copolymer and/or terpolymer resins are applied to a surface of the paper. It is an object of the present invention for the paper to be additionally coated with low density polyethylene/or polypropylene monomer resins. It is an object of the present invention for the low density polyethylene/or polypropylene resin to be a monomer utilizing ethylene feed stock.

BEST AVAILABLE COPY



Claims

1. A high strength poly one-side ream wrapper comprising;

paper;

copolymer and/or terpolymer resins;

said copolymer and/or terpolymer resins comprising butene, hexene, and/or octene with

propylene or ethylene in feed stocks;

said copolymer and/or terpolymer resins being applied to a surface of said paper.
2. The product of claim 1 further comprising;

low density polyethylene ^{or polypropylene} monomer resins.
3. A method for producing a high strength poly one side ream wrapper comprising;

co-extruding a low density polyethylene resin with copolymer or terpolymer resins onto a

paper surface.
4. The method of claim 3 wherein the low density polyethylene resin is a monomer

utilizing ethylene feed stock.
5. The method of claim 3 wherein the copolymer and terpolymer resins are made by

combining butene, hexene and/or octene feedstock with ethylene or propylene

feedstock.
6. A method for producing a high strength poly one side ream wrapper comprising;

feeding a copolymer and/or terpolymer into an extruder die creating an extrudate;

coating a paper surface with said extrudate between a backing roll and a chill roll

forming a poly coated paper with said copolymer and/or terpolymer coating.

BEST AVAILABLE COPY